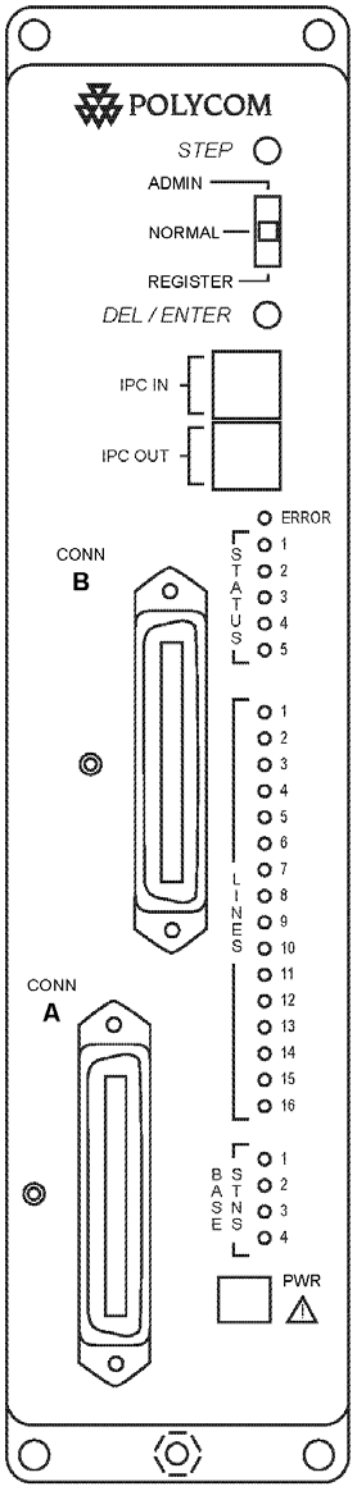
SpectraLink 6100 MCU Quick Reference



Register a Wireless Telephone (handset)

1. Make sure all unregistered handsets are off.
2. Move the mode switch to the **REGISTER** position.
3. Press the **STEP** button until the desired line to be registered is flashing red. Only unregistered lines can be registered.
4. Press **PWR** on the handset that needs to be registered and wait at least three seconds. The LED should change to solid red once the phone is registered.
5. Return the mode switch to the **NORMAL** position.
6. To assign the extension number, hold down the **FCN** key on the handset until **Volume Level** displays. Press the **# >** key until **EXTENSION** displays on the handset. Press **0**, then enter the correct extension number.
7. When the handset is turned on, the extension will be displayed. Test the handset by placing a call to each handset to verify that the correct handset rings.

Unregister a Wireless Telephone

1. Move the mode switch on the MCU to the **REGISTER** position. If your system has more than one MCU, be sure to move the switch on the correct MCU. The line indicator LEDs now show which lines have handsets registered.
2. Use the **STEP** button to select the line to be unregistered. The line indicator LED for a line that has a handset registered to it will flash with the LED mainly on.
3. Press the **DEL/ENTER** button. The line indicator LED for the selected line will be off with a short on flash.
4. Register the new handset or return the mode switch to the **NORMAL** position.

POLYCOM®

PN: 1725-36098-001_C

info@polycom.com • 800.775.5330

MCU Status LED Codes

ERROR LED	STATUS LEDs	Description
OFF	Random Cycling	The SpectraLink 6100 MCU is powering up. Initialization to follow.
OFF	5	The SpectraLink 6100 MCU is initializing. Code number will change when finished.
OFF	1, 2, 3, or 4	MCU identification number.
ON	1, 2, 3, 4, 5	MCU has not been configured for switch interface type. Assign a switch type to the MCU.
ON	4, 5	The switch type selected is not supported by this MCU. Verify that the switch type selected is correct. If the type is incorrect, repeat the steps to select a new switch type.
ON	1, 3	A Base Station has reported an internal problem. Replace the Base Station. The error display refers to the Base Station LED that is flashing red. If more than one Base Station LED is flashing red, it refers to the lowest numbered Base Station.
ON	2, 3	No communication with one or more Base Stations on this MCU. The error display refers to the LED that is flashing red. If more than one Base Station LED is flashing red, it refers to the lowest numbered Base Station.
ON	1, 2, 3	Internal communication problem with the MCU. Power cycle the MCU. If the problem persists, replace the MCU.
ON	4	IPC Problem. Check IPC cabling by disconnecting and reconnecting the IPC cable joining the MCUs. Connect the Male RJ-21 connector from the appropriate demarcation block to the designated RJ-21 connector (**A** or **B**) on each MCU. If error still occurs, replace the IPC cable. Replace the MCU if the problem continues.
ON	1, 4	The operator is trying to register a handset on an MCU with no phone lines. Return the mode switch to the **NORMAL** position.
ON	2, 4	The MCU was powered on with the mode switch in the wrong position. Turn off the MCU, move the mode switch to the **NORMAL** position and turn back on.
ON	3, 4	Configurations on a multi-MCU installation do not match in each of the units. Most likely to occur when an MCU was just added to the system. Erase the configuration in the MCU with incorrect configuration definitions (probably the MCU that was just added). *Note:* Do not erase the configurations in all the MCUs. In multiple MCU installations the handset registration information is shared among the MCUs. This allows you to replace an MCU without re-registering all the handsets.
ON	1, 3, 4	**REGISTER** or **ADMIN** mode selected on more than one MCU at the same time. Check the MCUs and take one of them out of **REGISTER** or **ADMIN** mode. OR The operator is trying to place an admin call on MCU #1 with no handset registered to MCU #1, Line 2. Return the mode switch to the **NORMAL** position.
ON	2, 3, 4	The MCU was powered on with the mode switch in the wrong position. Turn off the unit, move the mode switch to the **NORMAL** position and turn back on.
ON	1, 2, 3, 4	Internal problem with the MCU. Contact Polycom Customer Service for technical support.
ON	1, 5	Possible Base Station failure. A Base Station that had previously been heard by another Base Station can no longer be heard. Turn off the MCU, move the mode switch to the **NORMAL** position and turn back on. Check to see if system was powered on with mode switch in the wrong position. If not, contact Polycom Customer Service.
ON	5	One or more of the Base Stations on this unit is disabled because it is located too close to another Base Station. The error display refers to the Base Station LED that is flashing red. If more than one Base Station LED is flashing red, it refers to the lowest numbered Base Station. Identify which Base Station is disabled and move it away from the nearest Base Station.
ON	3, 5	The MCUs have incompatible versions of software. Contact Polycom Customer Service for technical support.